

BULLETIN No. 9.

U. S. DEPARTMENT OF AGRICULTURE.
BUREAU OF ANIMAL INDUSTRY.

RULES AND REGULATIONS

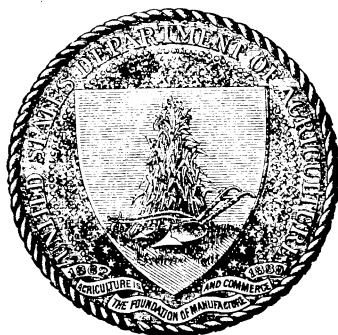
GOVERNING THE

OPERATIONS OF THE BUREAU OF ANIMAL INDUSTRY;

ALSO THE

ACTS OF CONGRESS UNDER WHICH THEY ARE MADE.

Dr. D. E. SALMON,
CHIEF OF THE BUREAU OF ANIMAL INDUSTRY.



WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1895.

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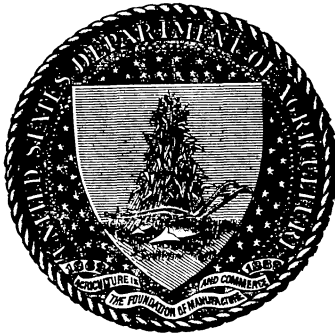
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LETTER OF TRANSMITTAL.

U. S. DEPARTMENT OF AGRICULTURE,
BUREAU OF ANIMAL INDUSTRY,
Washington, D. C., June 25, 1895.

SIR: I transmit herewith a compilation of the rules and regulations governing the operations of the Bureau of Animal Industry, together with the acts of Congress under which they are made, and respectfully recommend the publication of the same as Bulletin No. 9 of this Bureau. The bringing together of this matter in condensed form is a very great convenience not only for permanent preservation, but for the guidance of those engaged in the inspection work of the Bureau, and also for distribution to the constantly increasing number of inquirers for information regarding the work of the Bureau of Animal Industry.

Very respectfully,

D. E. SALMON,
Chief of Bureau.

Hon. J. STERLING MORTON,
Secretary of Agriculture.

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RULES AND REGULATIONS.

ORDER REQUIRING THE WEARING OF A BADGE WHILE INSPECTING.

U. S. DEPARTMENT OF AGRICULTURE,
OFFICE OF THE SECRETARY,
Washington, D. C., June 21, 1895.

To Employees of the Bureau of Animal Industry:

Hereafter each inspector, assistant inspector, live-stock agent, stock examiner, and tagger shall be required to wear a badge in a conspicuous manner while in the performance of his official duties, and it must not be allowed to leave his possession. Such badge, properly numbered, will be furnished by the Chief of the Bureau of Animal Industry on application through the officer to whom the employee reports.

Each employee furnished with a badge must deposit with the inspector in charge a receipt for the said badge and the sum of \$2, which amount must be transmitted by New York draft (without expense to the Department), together with the said receipt, to the Chief of the Bureau of Animal Industry and be duly receipted for by the Disbursing Clerk of the Department, who will be the custodian of this guarantee fund. On return of this receipt and badge by the employee at the expiration of his service the deposit shall be immediately refunded to him.

J. STERLING MORTON,
Secretary.

REGULATIONS FOR THE INSPECTION OF LIVE STOCK AND THEIR PRODUCTS.

U. S. DEPARTMENT OF AGRICULTURE,
OFFICE OF THE SECRETARY,
Washington, D. C., June 14, 1895.

The following rules and regulations are hereby prescribed for the inspection of live cattle, sheep, hogs, and their carcasses by virtue of the authority conferred upon the Secretary of Agriculture, under the provisions of the act of Congress approved March 3, 1891, entitled "An act to provide for the inspection of live cattle, hogs, and the carcasses and products thereof which are the subjects of interstate commerce,

and for other purposes," and amendments thereto approved March 2, 1895, and will supersede all former regulations for the inspection of live stock and their products:

1. Proprietors of slaughterhouses, canning, salting, packing, or rendering establishments, engaged in the slaughter of cattle, sheep, or swine, the carcasses or products of which are to become subjects of interstate or foreign commerce, shall make application to the Secretary of Agriculture for inspection of said animals and their products.

2. The said application must be in writing addressed to the Secretary of Agriculture, Washington, D. C., and shall state the location and address of the slaughterhouse or other establishment, the kind of animals slaughtered, the estimated number of animals slaughtered per week, and the character and quantity of the products to go into interstate or foreign commerce from said establishment; and the said applicant in his application shall agree to conform strictly with all lawful regulations or orders that may be made by the Secretary of Agriculture for carrying on the work of inspection at such establishment.

3. The Secretary of Agriculture will give said establishment an official number by which all its inspected products shall thereafter be known, and this number shall be used both by the inspectors of the Department of Agriculture and by the owners of said establishment to mark the products of the establishment as hereinafter prescribed.

4. The Secretary of Agriculture will designate an inspector to take charge of the examination and inspection of animals and their products for each establishment which has been officially numbered, and will detail to such inspector such assistants or other employees as may be necessary to properly carry on the work of inspection at said establishment. The inspector and all employees under his direction shall have full and free access to all parts of the building or buildings used in the slaughter of animals and the conversion of their carcasses into food products.

(a) Each employee engaged in inspection under these regulations will be furnished with a numbered badge, which must be worn in a conspicuous manner while in the performance of his official duties, and which must not be allowed to leave his possession.

(b) Each employee furnished with a badge must deposit with the inspector in charge a receipt for the said badge and the sum of \$2, which amount must be transmitted by New York draft (without expense to the Department), together with the said receipt, to the Chief of Bureau of Animal Industry and be duly receipted for by the Disbursing Clerk of the Department, who will be the custodian of this guarantee fund. On return of this receipt and badge by the employee at the expiration of his service the deposit shall be immediately refunded to him.

5. An ante-mortem examination of all animals arriving at the stock-yards for slaughter shall be made when they are weighed, or if not

weighed this inspection shall be made in the pens. Any animal found to be diseased or unfit for human food shall be marked by placing in the ear a metal tag bearing "U.S. Condemned" and a serial number. Such condemned animals shall be placed in pens set apart for this purpose and removed only by a numbered permit, signed by the inspector, to an abattoir or rendering works designated by the said inspector, where they shall be killed under the supervision of an employee of the Bureau of Animal Industry and rendered in such manner that their products will be made unfit for human food.

Animals rejected on account of their pregnant or parturient condition must be held in the said pens during gestation and for ten days thereafter, unless removed by permit either for stockers or for rendering in the manner above specified.

6. The inspector in charge of said establishment shall carefully inspect all animals in the pens of said establishment about to be slaughtered, and no animal shall be allowed to pass to the slaughtering room until it has been so inspected. All animals found on either ante-mortem or post-mortem examination to be affected as follows are to be condemned and the carcasses thereof treated as indicated in section 7:

- (1) Hog cholera.
- (2) Swine plague.
- (3) Charbon or anthrax.
- (4) Rabies.
- (5) Malignant epizootic catarrh.
- (6) Pyæmia and septicæmia.
- (7) Mange or scab in advanced stages.
- (8) Advanced stages of actinomycosis or lumpy-jaw.
- (9) Inflammation of the lungs, the intestines, or the peritoneum.
- (10) Texas fever.
- (11) Extensive or generalized tuberculosis.
- (12) Animals in an advanced state of pregnancy or which have recently given birth to young.
- (13) Any disease or injury causing elevation of temperature or affecting the system of the animal to a degree which would make the flesh unfit for human food.

Any organ or part of a carcass which is badly bruised or affected by tuberculosis, actinomycosis, cancer, abscess, suppurating sore, or tape-worm cysts must be condemned.

7. The inspector or his assistant shall carefully inspect at the time of slaughter all animals slaughtered at said establishment and make a post-mortem report of the same to the Department. The head of each animal shall be held until the inspection of the carcass is completed in order that it may be identified in case of condemnation of the carcass. Should the carcass of any animal on said post-mortem examination be found to be diseased and unfit for human food, the said carcass shall be marked with the yellow condemnation tag, and the diseased

organ or parts thereof, if removed from said carcass, shall be immediately attached to same. The entire carcass shall be at once removed, under the supervision of the inspector or that of some other reliable employee of the Department of Agriculture, to tanks on the premises, and deposited therein, and rendered in such manner as to prevent its withdrawal as a food product. Should the establishment have no facilities for thus destroying the said carcass, it must be removed from the premises by numbered permit from the inspector to rendering works designated by him, and there destroyed under his supervision in such a manner as to make it unsalable as edible meat.

(a) Carcasses may be taken to the cooling rooms after marking with the yellow condemnation tag, in cases where only a portion of the carcass is condemned, and when such portion can not be removed without damage to the carcass, until it is properly chilled. After chilling, the condemned portions must be cut out and removed to the tank as provided for whole carcasses. Condemned parts that can be removed without damage to the carcass must be tanked immediately after condemnation.

(b) The inspector, or the employee detailed for such purpose, must remove the numbered stub of the condemnation tag at time of placing the carcass or part of carcass in the tanks, and return it to the office of the inspector in charge, with a report as to the number of carcasses or parts of carcasses destroyed, the reason for destruction, and also state that they were tanked in his presence.

(c) Should the owners of such condemned carcasses not consent to the foregoing disposition of them, then the inspectors are directed to brand the word "Condemned" upon each side and quarter of said carcasses, and keep a record of the kind and weight of the carcasses, and they shall, under supervision of the inspector, be removed from the packing house where meats are prepared and stored for the interstate and foreign trade; and said firm or corporation shall forward, through the inspector, to the Secretary of Agriculture a sworn statement, monthly, giving in detail the disposition of the carcasses so condemned, and, if the same have been sold, showing to whom, whether for consumption as food or otherwise, with what knowledge, if any, by the purchasers, of their condemnation by this Department, and whether or not before such sale said carcasses have been cooked or their condition at the time of inspection by this Department altered, and, if so, in what way.

The inspectors shall, when authorized by the Secretary of Agriculture, give notice by publication to the express companies and common carriers at the place of condemnation of the fact of condemnation, giving the name of the owner of such carcasses, the time and place of slaughter, the reason for rejection, and a description of the carcasses, and warning them not to transport them out of the State.

8. All persons are warned against removing the tags so attached to condemned carcasses, and are notified that they will be prosecuted

under the acts of Congress of March 3, 1891, and March 2, 1895, for any such attempt to tamper with the device for marking condemned carcasses or parts of carcasses as prescribed by the preceding regulation.

9. Carcasses or parts of carcasses which leave said establishment for interstate or export trade will be tagged by the inspector, or an employee designated by him, with a numbered tag issued by the Department of Agriculture for this purpose, and a record of the same will be sent to the Department at Washington.

(a) Carcasses or parts of carcasses which go into the cutting room of an abattoir, and those which are cut up for the local market, or are used for canning purposes, must not be tagged. Those which are to be shipped from one abattoir to another for canning purposes must not be tagged; and the inspector in charge of the abattoir to which the shipment is consigned, in sealed cars, must be notified of the said shipment, including the number and initials of the said cars and the routes traversed by them.

10. Each article of food products made from inspected carcasses must bear a label containing the official number of the establishment from which said product came, and also contain a statement that the same has been inspected under the provisions of the act of March 3, 1891.

(a) A copy of said label must be filed at the Department of Agriculture, Washington, D. C., and, after filing, said label will become the mark of identification showing that the products to which it has been attached have been inspected, as provided by these rules and regulations; and any person who shall forge, counterfeit, alter, or deface said label will be prosecuted under the penalty clause of section 4 of the act of March 3, 1891, as amended in the act of March 2, 1895.

(b) Each package to be shipped from said establishment to any foreign country must have printed or stenciled on the side or on the top by the packer or exporter the following:

FOR EXPORT.

- (a) Official number of establishment.
- (b) Number of pieces or pounds.
- (c) Trade-mark.

In case said package is for transportation to some other State or Territory, or to the District of Columbia, in place of the words "For export," the words "Interstate trade" shall be substituted.

(c) The letters and figures in the above print shall be of the following dimensions: The letters in the words "For export" or the words "Interstate trade" shall not be less than three-fourths of an inch in length, and the other letters and figures not less than one-half inch in length. The letters and figures affixed to said package shall be black and legible, and shall be in such proportion as the inspector of the Department of Agriculture may designate.

11. The inspector of the Department of Agriculture in charge of said establishment, being satisfied that the articles in said packages came from animals inspected by him, and that they are wholesome, sound, and fit for human food, shall paste upon said packages meat inspection stamps bearing serial numbers:

12. In order that the stamps may be protected, and to insure uniformity in affixing, inspectors will require of the proprietors of abattoirs and packing establishments the adoption of cases suitable for one of the two methods mentioned below:

(a) The stamp may be affixed in a grooved space let into the box, of sufficient size to admit it, similar to that required by the Internal Revenue Bureau for the stamping of packages of plug tobacco.

(b) Stamps may be placed on either end of the package, provided that the sides are made to project at least half an inch to afford the necessary protection from abrasion.

13. The stamp having been affixed it must be immediately canceled. For this purpose the inspector will use a rubber stamp having five parallel waved lines long enough to extend beyond each side of the stamp on the wood of the package. At the top of said rubber stamp shall be the name of the inspector, and at the bottom the abattoir number. The imprinting from this rubber stamp must be with durable ink over and across the stamp, and in such a manner as not to make the reading matter of the stamp illegible. The stamp having been affixed and canceled it must be immediately covered with a coating of transparent varnish or other similar substance. Orders for inspection stamps and for rubber canceling stamps must be made by the inspector on the Chief of the Bureau of Animal Industry.

14. No stamps will be issued by the inspector except to employees of this Department designated by him to supervise the affixing of said stamps to packages of inspected products, and each employee having charge of this work shall be held personally responsible for the stamps issued to him, and shall make an accurate daily report to the inspector of the use of such stamps, and all unused stamps shall be turned over to the custody of the said inspector or of his clerk at the close of each day's work.

(a) Proprietors of abattoirs will supply all the necessary help to affix the stamps, which must be done under the supervision of an employee of the inspector in charge.

(b) No stamps shall be allowed to remain loose about the office or the abattoirs, and inspectors are instructed to use such additional safeguards as in their judgment will be necessary to properly account for every stamp issued by them, and to have the work of affixing so carefully supervised that nothing but packages of inspected products will be stamped with the meat-inspection stamp of this Department.

(c) Any stamps damaged or not used should not appear upon the reports as having been affixed to packages, but should be returned to the Department and a report made as to the reasons for their return.

These regulations will also apply to meat-inspection tags, or seals, and certificates of inspection.

15. Whenever any package of meat products bearing the inspection stamp shall have been opened and its contents removed for sale the stamp on said package must be obliterated.

16. Reports of the work of inspection carried on in every establishment shall be daily forwarded to the Department by the inspector in charge, on such blank forms and in such manner as will be specified by the Department.

17. Whenever an abattoir suspends slaughtering operations the inspector in charge will promptly furlough without pay, until further orders, all employees whose duties are affected by such suspension, notifying this office of the date of closing down. During said suspension he will retain only such employees as are actually necessary to supervise the shipments of inspected products from said abattoir.

SWINE.

18. The inspection of all swine slaughtered in the United States for both interstate and export trade will be similar in all respects to that of cattle and sheep. (See rules 1 to 17.) It must include a careful ante-mortem examination of all hogs, as required by rules 5 and 6, and a subsequent post-mortem examination, as required by rule 7. A microscopic examination for trichinæ must be required for all swine products exported to countries requiring such examination.

(a) No microscopic examination will be made of hogs slaughtered for interstate trade, but this examination will be confined to those intended for the export trade, and only at abattoirs which export pork products to countries requiring a certificate from this Government to secure the admission of such meats. All inspectors issuing certificates for export of pork products which have been microscopically examined will enter upon the same the number of each stamp used and imprint the words "Microscopically examined in addition to regular inspection" across the face of the certificate.

(b) The carcasses of all hogs that are to enter into interstate trade as dressed pork will be tagged in the same manner as beef is now marked for identification. The products of hog carcasses which enter into interstate trade will be stamped in the same manner as are the products of cattle.

(c) The purple meat-inspection stamp will be used only upon packages containing products of hog carcasses which have been microscopically examined for shipment to countries requiring such examination.

19. The microscopic inspection of pork intended for export to countries requiring such inspection shall be conducted as follows:

When the slaughtered hog is passed into the cooling room of said establishment, the inspector in charge, or his assistants, will take from each carcass three samples of muscle, one from the "pillar of the diaphragm," one from the psoas muscle, and the other from the inner

aspect of the shoulder, and said samples will be put in a self-locking tin box and a numbered tag will be placed upon the carcass from which said samples have been taken, and a duplicate of said tag will be placed in the box with said samples. The boxes containing the samples from the hogs in the cooling room so tagged will be taken to the microscopist for such establishment, who shall thereupon cause a microscopic examination of the contents of each box containing samples to be made, and shall furnish a written report to the inspector giving the result of said microscopic examination, together with the numbers of all carcasses from which samples have been examined.

20. All carcasses reported by the microscopist to the inspector as affected with trichinæ shall at once be removed from the cooling room or cellar of said establishment under the supervision of said inspector, or that of some other reliable employee of the Department of Agriculture, and shall be disposed of in accordance with the provisions of section 7, or they may be rendered into edible lard at a temperature not less than 150° F., or made into cooked meat products if the temperature is raised to the boiling point a sufficient time to thoroughly cook the interior of the pieces.

21. The inspector in charge of the slaughtering or other establishment will issue a certificate of inspection for all carcasses of animals, or the food products thereof, which are to be exported to foreign countries; which certificate will cite the name of the shipper, the date of inspection, and the name of the consignee and country to which said articles are to be exported. Said certificate will also contain the numbers of the stamps attached to the articles to be exported, and will be issued in serial numbers and in triplicate form. One certificate only will be issued for each consignment. One copy thereof will be delivered to the consignor of such shipment, one copy will be attached to the invoice or shipping bill to accompany the same, and be delivered by the transportation companies to the chief officer of the vessel upon which said consignment is to be transported.

(a) All names, marks, stamp numbers, imprints, and other writing of any description made upon the certificate of inspection must be copied on the stub of the book of certificates, and be duly signed by the inspector. This stub constitutes the third copy of the certificate, and shall be preserved and forwarded to this Department.

22. Inspectors are requested to notify the municipal authorities of the character of this inspection and to cooperate with them in preventing the entry of condemned animals or their products into the local market.

J. STERLING MORTON,
Secretary.

**ORDER AND REGULATIONS FOR THE INSPECTION OF CATTLE
AND SHEEP FOR EXPORT.**

**U. S. DEPARTMENT OF AGRICULTURE,
OFFICE OF THE SECRETARY,
*Washington, D. C., February 7, 1895.***

The following order and regulations are hereby made for the inspection of neat cattle and sheep for export from the United States to Great Britain and Ireland and the Continent of Europe, by virtue of the authority conferred upon me by section 10 of the act of Congress approved August 30, 1890, entitled "An act providing for an inspection of meats for exportation, prohibiting the importation of adulterated articles of food or drink, and authorizing the President to make proclamation in certain cases, and for other purposes."

1. The Chief of the Bureau of Animal Industry is hereby directed to cause careful veterinary inspection to be made of all neat cattle and sheep to be exported from the United States to Great Britain and Ireland and the Continent of Europe.

2. This inspection will be made at any of the following-named stock yards: Kansas City, Mo.; Chicago, Ill.; Buffalo, N. Y.; Pittsburg, Pa.; and the following ports of export, viz: Portland, Me.; Baltimore, Md.; Boston and Charlestown, Mass.; New York, N. Y.; Philadelphia, Pa., and Norfolk and Newport News, Va. All cattle shipped from any of the aforesaid yards must be tagged before being shipped to the ports of export. Cattle arriving at ports of export from other ports of the United States will be tagged at said ports.

3. After inspection at the aforesaid stock yards all cattle found free from disease and shown not to have been exposed to the contagion of any disease shall be tagged under the direction of the inspector in charge of the yards. After tagging the cattle will be loaded into cleaned and disinfected cars and shipped through from said yards, in said cars, to the port of export.

4. All animals shall be reinspected at the port of export. All railroad companies will be required to furnish clean and disinfected cars for the transportation of cattle and sheep for export, and the various stock yards located at the ports of export shall keep separate, clean, and disinfected yards for the reception of export animals only.

5. Shippers shall notify the inspector in charge of the yards of intended shipments of cattle, and shall give to the said inspector the locality from which said animals have been brought, and the name of the feeder of said animals, and such other information as may be practicable for proper identification of the place from which said animals have come.

6. The inspector, after passing and tagging said cattle, shall notify the inspector in charge of the port of export of the inspection of said animals, giving him the tag numbers and the number and designation of the cars in which said animals are shipped.

7. Export animals, whenever possible, shall be unloaded at the port of export from the cars in which they have been transported directly at the wharves from which they are to be shipped. They shall not be unnecessarily passed over any highway, or removed to cars or boats which are used for conveying other animals. Boats transporting said animals to the ocean steamer must be first cleansed and disinfected under the supervision of the inspector of the port, and the ocean steamer must, before receiving said animals, be thoroughly cleansed or disinfected in accordance with the directions of said inspector. When passage upon or across the public highway is unavoidable in the transportation of animals from the cars to the boat, it must be under such careful supervision and restrictions as the inspector may direct.

8. Any cattle or sheep that are offered for shipment to Great Britain or Ireland or the Continent of Europe, which have not been inspected and transported in accordance with this order and regulations, or which having been inspected are adjudged to be infected, or to have been exposed to infection so as to be dangerous to other animals, shall not be allowed to be placed upon any vessel for exportation.

9. The supervision of the movement of cattle from cars and yards to the ocean steamer at the ports of export will be in charge of the inspector of the port. No ocean steamer will be allowed to receive more cattle or sheep than it can comfortably carry. Overcrowding will not be permitted.

10. The inspector at the port of export will notify the collector of the port of the various shipments of cattle or sheep that are entitled to clearance papers, and certificates of the inspection of said animals will be given to the consignors for transmission with the bills of lading.

J. STERLING MORTON,
Secretary.

**REGULATIONS FOR THE SAFE TRANSPORT OF CATTLE FROM
THE UNITED STATES TO FOREIGN COUNTRIES.**

U. S. DEPARTMENT OF AGRICULTURE,
OFFICE OF THE SECRETARY,
Washington, D. C., February 18, 1895.

Pursuant to the authority vested in the Secretary of Agriculture by virtue of the act of Congress approved March 3, 1891, entitled "An act to provide for the safe transport and humane treatment of export cattle from the United States to foreign countries, and for other purposes," the following regulations are hereby prescribed for vessels engaged in the transportation of cattle from the United States to foreign countries, and all previous regulations for similar export transportation are hereby rescinded:

1. Upon receipt of information from owners, agents, or master of any vessel desiring to transport cattle from any port in the United States,

the Secretary of Agriculture will direct the inspector in charge of the port from which said vessel is to clear to examine said vessel, and if the same has complied with the regulations hereinafter prescribed a clearance will be authorized by the inspector.

SPACE.

2. Cattle or sheep must not be carried on any part of the vessel where they will interfere with the proper management of the vessel, or with the efficient working of the necessary lifeboats, or with the requisite ventilation of the vessel. Cattle must have 6 feet vertical space on all decks, free of all obstructions.

3. Cattle carried on the upper or spar deck must be allowed a space of 2 feet 6 inches in width by 8 feet in depth per head. Cattle loaded between the decks must be allowed a space of 2 feet 8 inches in width by 8 feet in depth, except in the case of regular cattle ships with satisfactory ventilation, which may fit with an allowance of 2 feet 6 inches in width. No more than 4 head of cattle will be allowed in each pen, except at the end of a row, where 5 may be allowed together. Provided, however, that cattle under 1,000 pounds in weight may be allowed a width of 2 feet 3 inches.

4. Vessels will be allowed to carry three deck loads of cattle, but where it is desired to carry cattle on the lower or steerage deck, it must in all cases be fitted at 2 feet 8 inches by 8 feet per head, and no cattle allowed upon hatches. Special permission for carrying cattle on steerage deck must be obtained from the inspector, which will be granted in cases where said deck is provided with sufficient ventilation, as hereinafter prescribed.

UPPER DECKS.

5. No cattle or sheep shall be allowed on the poop deck or within 20 feet of the breakwater on the spar deck between the 1st of October and the 1st of April. If cattle are carried on the bridge deck proper runways shall be provided for loading and unloading.

(a) No cattle shall be carried on the upper decks where the outside rails measure less than 3 feet in height from the deck, nor from October 1 to April 1 upon steamers having free boards which measure less than 5 feet 6 inches vertical space (winter mark).

(b) When cattle are carried upon the upper decks strong breakwaters shall be erected at each end and on both sides. Permanent fittings may be constructed either of iron or wood, as hereinafter provided.

UPPER-DECK FITTINGS.

6. *Stanchions, wooden.*—Stanchions, at least 6 feet 4 inches high, must be of good sound spruce or yellow pine lumber, 4 by 6 inches, placed at proper distances from centers, against the ship's rail and inside stanchions, in their proper place directly in line with outboard stanchions,

to be set up so that the 6-inch way of the stanchions shall set fore and aft. A proper tenon shall be cut on the head of the same to receive the thwart-ship beam; the tenon not to be less than 3 inches in length and the shoulder not less than $2\frac{1}{4}$ inches on each side of the stanchion, thus leaving the tenon $1\frac{1}{2}$ inches thick. A piece of timber 2 by 3 inches, or 2-inch plank, shall be fastened to the outside of stanchion and run up to underneath rail to chock stanchion down and prevent lifting when beam is sprung to crown of deck. Open-rail ships shall be blocked out on backs of stanchions fair with the outside of rails to receive the outside of planking. Where upper-deck fittings are not permanent the heels of outside stanchions shall be secured by a bracing of 2 by 3 inch sound lumber from the back of each stanchion to sheer streak or waterway, the heels of inside stanchions being properly braced from and to each other. Bulwark stanchions must also be extra stanchioned by raking shores running diagonally from the top of the stanchions to the deck.

(a) *Stanchions, iron.*—These may be used in place of wooden stanchions, and shall be not less than 2 inches in diameter, set in iron sockets above and below and fastened with $\frac{5}{8}$ -inch bolts.

(b) *Hook bolts or clamps.*—Hook bolts or clamps must be made of $\frac{5}{8}$ -inch wrought iron, with hook on outboard end, and thread and nut on inboard end, to pass over and under rail and through outboard stanchion and set up on the inside of same with a nut. These bolts may be double or single. If double then no thread or nut is necessary, but the stanchion will lie shipped through it, thus double hooking the rails. This will be found very useful where funnels or other deck fittings come in the way of beams passing from side to side of ship.

(c) *Beams.*—Beams must be of good sound spruce or yellow pine lumber, 3 by 6 inches, to run clear across the ship's beam where practicable. Should any house or deck fittings be in the way, then butt up closely to the same. These beams shall have a $1\frac{1}{2}$ by 4 inch mortise to receive the tenon of each and every stanchion, and to take the same crown as deck of ship by springing down to shoulder of outside stanchions, and to be properly pinned or nailed to tenon and wedged tightly afterwards. The mortises shall be cut not less than 6 inches from outside ends of beams and a piece nailed on outside of same, and trimmed off fair with beam ends to prevent splitting.

(d) *Diagonal braces from stanchions to beams.*—Diagonal braces shall be fastened on each stanchion on both sides of same, running up to top side of beam and properly secured by well nailing to both stanchion and beam.

(e) *Headboards.*—Headboards shall be not less than 2 by 10, or 3 by 8 inches, of good sound spruce or yellow pine lumber, and secured to every stanchion by $\frac{5}{8}$ -inch screw bolts passing through same and set up on same with a nut. Where headboards butt on the stanchions a piece of iron $\frac{1}{4}$ inch thick and 3 inches square shall be placed over the boards like the butt strap. These headboards can be placed on either

side of the stanchion. All headboards shall have $1\frac{1}{2}$ -inch holes bored through them at proper distances to tie the animals.

(f) *Head pipes.*—In place of wooden headboards, two wrought-iron pipes not less than 2 inches in diameter may be used, placed 8 inches apart. Said head pipes to be made continuous by having a wrought-iron threaded collar securely fastened on the end of each length of pipe into which the next length may be inserted or screwed. Both head pipes to be held in place by means of heavy wrought-iron straps, bolted to each stanchion by four $\frac{5}{8}$ -inch bolts, the lower head pipe being fitted with movable clamps, holding a ring of suitable size to which cattle may be tied. Said clamps to be set at the proper distance apart in accordance with the regulations and fastened to the pipes with screws.

(g) *Footboards.*—Footboards shall be of the same material as headboards, properly nailed or bolted to stanchions on the inside of same.

(h) *Division boards.*—Division boards shall be of 2 by 8 inch sound spruce or yellow pine lumber, fitted so as to be removable at any time, and so arranged as to divide the animals into lots of four, thus making compartments for this number all over the vessel. These division boards shall be fitted perpendicularly.

(i) *Flooring.*—Where flooring is required it shall be of 1-inch spruce boards, laid fore and aft on ships with wooden decks. Iron-decked ships shall be sheathed with 2-inch spruce or yellow pine, or with 1-inch spruce; but if 1-inch lumber is used, the foot locks shall be 3 by 4 inches, to be laid so that they will properly secure the 1-inch boards, thus preventing them from slipping and at the same time acting as foot locks by showing a surface of 2 by 4 inches to correspond with the 2 by 3 inches. It is optional with the owners whether they permit sheathing to be used on their ships with wooden decks, or whether they allow foot locks to be secured to the deck. But on iron decks it is absolutely necessary (if permanent foot locks are not down) to sheath them before putting down foot locks, in order to fasten same. Cement may be used instead of wood sheathing and foot locks molded in same. If the flooring is raised on any of the decks, it shall be not less than 2 inches thick with scantlings 2 by 3 inches thick, laid athwart ships on the deck, not over 18 inches apart, with 2-inch plank for flooring nailed to them.

(k) *Foot locks.*—Foot locks shall be of good sound spruce or yellow pine lumber, or hard wood, size 2 by 3 inches or 3 by 4 inches laid fore and aft, placed 12 inches, 14 inches, 2 feet 2 inches, and 14 inches apart, the first one distant 12 inches from the inside of footboard, filled in athwart ships opposite each stanchion, properly secured to sheathing or deck, and secured by a batten of spruce or yellow pine 2 by 3 inches thick to go over all from stanchion to stanchion. When troughs are used, foot locks will be placed 17, 16, 22, and 16 inches apart.

(l) *Outside planking.*—All outside planking on open and closed railed ships must be properly laid fore and aft of ship, and nailed to the backs

of stanchions, as close as possible for the cold season, and for the warmer months the top-course planking shall be left off fore and aft of ship, in order to allow a free circulation of air. Nothing less than 2-inch spruce or 1½-inch yellow pine is to be used for this purpose.

(m) *Planking of shelter deck to be erected on all exposed decks.*—The planks to form the shelter deck, which must be erected on all exposed decks, shall be laid with 2-inch sound spruce or yellow pine lumber sufficient to cover cattle. These planks shall be laid as closely as possible and well nailed to the beams, thus making a good deck from which to work the ship's gear.

(n) *Nails.*—No nails less than 20 penny shall be used in foot locks, or where 2-inch material is used. Twelve-penny nails can be used in 1½-inch plank or under.

UNDER-DECK FITTINGS.

(o) *Stanchions.*—Stanchions shall be at least 6 feet 4 inches high and of good sound spruce or yellow pine lumber, 4 by 6 inches, set up at proper distances from centers so that the 6-inch way of same shall stand fore and aft, and jammed in tight between the two decks, properly braced on head and from side to side of ship; this bracing shall be of 2 by 3 inch spruce or yellow pine, and be properly butted against each stanchion. Where it is found impracticable to run these braces across ship, by reason of hatches, etc., coming in the way, they shall be well braced from hatch coamings and from the obstruction which prevents running braces from side to side. The heads of these stanchions shall be braced fore and aft by 2 by 3 inch pieces well nailed on each stanchion and running fore and aft close up to the lower edge of the ship beams, and butted at each end of compartment and against themselves, or chocked in underneath beam and well nailed to heads of stanchions. If upper and lower decks are wood, then the stanchions set up between decks may be secured by well cleating to each deck at heads and heels of same.

(p) *Headboards.*—Headboards shall be of the same dimensions and same lumber as those on the upper deck and fastened in the same manner, with 1½-inch holes bored at right distances to tie animals.

(q) *Footboards.*—Footboards shall be of the same dimensions and same lumber as those on the upper deck, and fastened in the same manner.

(r) *Division boards.*—Division boards shall be fitted perpendicularly, and arranged so that they divide the animals into pens of four, or at end of row, into pens of five.

(s) *Flooring.*—Where ships have decks of wood it shall be optional with owners whether they have boards put down to protect decks or whether they allow the foot locks to be nailed to the ship's deck. (Permanent foot locks may be put down.) If the decks are of iron then wooden flooring must be laid either of 2 inch spruce with 2 by 3 inch

foot locks, or of 1-inch spruce with 3 by 4 inch foot locks same as provided for upper decks. Cement may also be used instead of wood flooring, molding the foot locks in their proper places between same.

(t) *Foot locks*.—Foot locks may be put down of any hard wood and any size over 2 by 3 inches, but nothing under this size shall be used. They should be laid fore and aft of ship at distances mentioned in upper-deck fittings, and be well fastened to either deck or flooring, or to themselves, and properly filled in athwart ships between stanchions, same as on upper deck.

(u) *Troughs*.—Suitable troughs may be formed on the footboards about 12 inches wide, when required, by nailing footboards on outside of stanchion and fitting up on the inside.

(v) *Casing for steering gear*.—A suitable casing must be placed over the ship's steering gear when found necessary.

(w) *Alleyways*.—Alleyways between the pens must not be less than 18 inches, free of all obstructions. One or more alleyways at least 18 inches wide must be left on each side of decks so that the scuppers can be readily reached and kept clean.

VENTILATION.

7. Each cattle compartment not exceeding 50 feet in length must have at least four bell-mouth ventilators, of not less than 18 inches inside diameter, and with tops exceeding 7 feet in height, two situated at each end of the compartment. Compartments over 50 feet long must have additional ventilators of same dimensions or efficient fans.

8. When it is desired to carry cattle upon the third deck a special permit must be obtained from the inspector of the port. The vessel must be fitted as hereinbefore specified, and properly lighted and ventilated. One set of ventilators should be trimmed to the wind and another set in the opposite direction. They should be tested previous to issuance of permit and should be kept in easy working order.

9. Suitable arrangements shall be made to provide at all times sufficient light for the proper tending of all animals.

10. No cattle shall be loaded along the alleyways by engine room unless the side of said engine room is covered by 1½-inch grooved-and-tongued lumber, making a 3-inch air space.

HATCHES.

11. No cattle shall be loaded upon hatches on decks above cattle, nor upon third-deck hatches when cattle are carried upon such decks; nor shall any merchandise, freight, or food for cattle be loaded upon said hatches, but said hatches shall at all times be kept clear.

(a) No cattle shall be loaded upon any hatch where the coamings exceed 18 inches in height, and between-deck hatches shall have not less than 6 feet vertical space between the beams overhead and the hatch coamings under foot for cattle with horns, and 5 feet 6 inches vertical space for cattle without horns.

(b) In loading cattle on upper decks four of the largest hatches shall be kept free of cattle—one hatch forward, one aft, and two amidships—so that the intervening spaces will be proportioned as equally as possible. Cattle may be placed upon hatches in excess of this number.

(c) Not more than two days' feed for cattle shall be allowed to be carried on deck; this shall be properly covered and shall be the first feed used.

12. All vessels shall carry hogsheads of not less than 400 gallons total capacity for each 100 head of cattle, and these shall be filled with fresh water before sailing and refilled as emptied.

(a) Each vessel shall carry water condensers which are in good working order and of sufficient capacity to provide 8 gallons of fresh, cold water each twenty-four hours for each head of cattle.

13. Cattle or sheep suffering from broken limbs or other serious injuries during the voyage shall be slaughtered by the captain of the vessel.

14. The employment of all cattle attendants shall be under the control of owners or agents of steamships, and men so employed shall be reliable and signed as part of the ship's crew, and under the control of the captain of said vessel. They shall be furnished with well-lighted and well-ventilated quarters—as good as the same accommodations furnished for the crew of the ship. An experienced foreman shall be in charge of each shipload of cattle, and not less than one-half of the cattle attendants must be experienced men who have made previous trips with cattle. There shall be one cattle attendant for each 35 head of cattle upon steamers having water pipes extending the entire length of both sides of compartments, and upon steamers not so fitted there shall be one attendant to each 25 head of cattle shipped.

15. Cattle shall be tied with $\frac{3}{4}$ -inch rope, which shall not be used more than once, and must be made from manila or sisal. Any head-ropes returned to the United States shall be immediately seized and destroyed by the inspector of the port.

16. False decks upon which cattle are loaded must be removed and the manure and dirt cleaned from underneath before receiving another load of cattle.

SHEEP.

17. *Attendants.*—There shall be one experienced man in charge of each 150 sheep during the winter months, and one to each 200 sheep during the summer months.

(a) *Pens.*—Sheep pens should not exceed 20 feet by 8 feet where two tiers are carried, and each tier shall have a clear vertical space of not less than 3 feet. During the summer months sheep shall not be loaded in tiers between decks, but during the winter months two tiers may be placed in each wing and only one tier amidships.

(b) *Flooring stanchions.*—When the pens are built for two tiers of sheep, the flooring between the tiers shall be laid with tongued-and-grooved boards, the stanchions shall be of 4 by 6 inch spruce lumber,

and shall be secured to the beams overhead by angle braces similar to cattle fittings.

Outside planking shall be of 2-inch spruce or 1½-inch yellow pine lumber, secured to 4 by 6 inch spruce stanchions, with hook bolts similar to cattle fittings.

(c) *Alleyways*.—Athwart-ship alleyways not less than 18 inches wide in the clear shall be left between each pen, and fore-and-aft alleyways in front of each pen, having hayracks and water-tight troughs on three sides. When two tiers of sheep are carried the fore-and-aft alleyways shall be 2 feet wide, clear of all obstructions.

(d) *Space*.—The space for each full-grown sheep shall be 4 feet long by 14 inches wide, and for lambs or sheep under 100 pounds weight 4 feet by 12 or 13 inches—2 rows of sheep standing in the 8 feet width of pen.

18. No vessel shall be allowed to take on board any cattle or sheep unless the same have been at the port of embarkation at least twenty-four hours before the vessel sails, except in special cases and by direction of the inspector, nor until the loading of the other cargo has been completed.

19. The inspector may, in case he finds that any of the fittings are worn, decayed, or appear to be unsound, require the same to be replaced before he authorizes the clearance of the vessel. He will also supervise the loading of cattle and see that they are properly stowed and tied, and that all the requirements of these regulations have been complied with.

J. STERLING MORTON,
Secretary.

**REGULATIONS FOR THE INSPECTION AND QUARANTINE OF
NEAT CATTLE, SHEEP, AND OTHER RUMINANTS, AND SWINE
IMPORTED INTO THE UNITED STATES.**

U. S. DEPARTMENT OF AGRICULTURE,
OFFICE OF THE SECRETARY,
Washington, D. C., February 11, 1895.

In pursuance of sections 7, 8, and 10 of the act of Congress entitled "An act providing for the inspection of meats for exportation, and prohibiting the importation of adulterated articles of food or drink, and authorizing the President to make proclamation in certain cases, and for other purposes," approved August 30, 1890, the following regulations are hereby prescribed for the inspection and quarantine of neat cattle, sheep, and other ruminants, and swine imported into the United States, and all previous regulations prescribed for such inspection and quarantine are hereby rescinded:

1. With the approval of the Secretary of the Treasury, the following-named ports are hereby designated as quarantine stations, and all cattle, sheep, and other ruminants, and swine imported into the United States,

must be entered through said ports, viz: On the Atlantic Seaboard, the ports of Boston, New York, and Baltimore; on the Pacific Seaboard, San Diego, Cal.; along the boundary between the United States and Mexico, Nogales, Ariz.; El Paso, Eagle Pass, and Laredo, Tex.; along the border or boundary line between the United States and British Columbia and Canada, through the custom ports of Vanceboro and Houlton, Me.; Richford, Newport, St. Albans, Island Pond, and Beecher Falls, Vt.; Ogdensburg, Rouses Point, Buffalo, Charlotte, and Suspension Bridge, N. Y.; Detroit and Port Huron, Mich.; Minnesota, Minn., and Puget Sound, Wash.

2. The word "animals," when used in these regulations, refers to and includes all or any of the following kinds: Neat cattle, sheep, and other ruminants, and swine. The words "contagious diseases," when used in these regulations, includes and applies to all or any of the following diseases: Anthrax in cattle, sheep, goats, or swine; contagious pleuro-pneumonia in cattle; Texas or splenic fever in cattle; tuberculosis in cattle; foot-and-mouth disease in cattle, sheep, goats, and swine; rinderpest in cattle and sheep; sheep pox, foot rot, and scab in sheep; hog cholera, swine plague, and erysipelas in swine.

3. All cattle, sheep, and other ruminants imported into the United States from any part of the world shall be accompanied with a certificate from the local authority of the district in which said animals have been for one year next preceding the date of shipment, stating that no contagious pleuro-pneumonia, foot-and-mouth disease, or rinderpest has existed in said district for the past year. And all swine imported into the United States from any part of the world shall be accompanied with a similar certificate relating to the existence of foot-and-mouth disease, hog cholera, and erysipelas. All such animals shall also be accompanied with an affidavit by the owner from whom the importer has purchased them, stating that said animals have been in the district where purchased for one year next preceding the date of sale, and that none of the above-mentioned diseases have existed among them, nor among any animals of the kind with which they have come in contact, for one year last past, and that no inoculation has been practiced among said animals for the past two years. Also by an affidavit from the importer or his agent supervising the shipment, stating that they have not passed through any district infected with contagious diseases affecting said kind of animals; that they have not been exposed in any possible manner to the contagion of any of said contagious diseases, and that the animals, when not driven, have been shipped in clean and disinfected cars and vessels direct from the farm where purchased.

4. The foregoing certificate and affidavits must accompany said animals and be presented to the collector of customs at the port of entry, and by him be delivered to the inspector of the Bureau of Animal Industry stationed at said port, to allow them to be imported into the United States.

5. All neat cattle imported into the United States from any part of the world except Mexico, Central and South America, shall be subject to a quarantine of ninety days, counting from date of arrival at the quarantine station. All sheep and other ruminants, and swine, from any part of the world except North, Central, and South America, shall be subject to a quarantine of fifteen days, counting from date of arrival at the quarantine station.

6. Any person contemplating the importation of animals from any part of the world except North, Central, and South America, or of cattle from the Dominion of Canada, must first obtain from the Secretary of Agriculture two permits, one stating the number and kind of animals to be imported, the port and probable date of shipment, which will entitle them to clearance papers on presentation to the American consul at said port of shipment; the other, stating the port at which said animals are to be landed and quarantined, and the approximate date of their arrival, and this will assure the reception of the number and kind specified therein at the port and quarantine station named, at the date prescribed for their arrival, or at any time during three weeks immediately following, after which the permit will be void. These permits shall in no case be available at any port other than the one mentioned therein. Permits must be in the name of the owner of, or agent for, any one lot of animals. When more persons than one own a lot of animals for which permits have been issued, a release from quarantine will be given each owner for the number and kind he may own, and this release will be a certificate of fulfillment of quarantine regulations. Permits will be issued to quarantine at such ports as the importer may elect, so far as facilities exist at such port, but in no case will permits for importation at any port be granted in excess of the accommodations of the Government quarantine station at such port. United States consuls should give clearance papers or certificates for animals from their districts intended for exportation to the United States only upon presentation of permits as above provided, with dates of probable arrival and destination corresponding with said permits, and in no case for a number in excess of that mentioned therein. When such shipments originate in the interior of a foreign country, these permits should be submitted to the consul of that district and through the forwarding agent to the consul at the port of embarkation.

7. Cattle and sheep from the Dominion of Canada for export from the United States may be entered at the ports of Island Pond and Beecher Falls, Vt., in bond for Portland, Me., for export from the latter port only, provided said animals are accompanied by the health certificate and affidavits required by section 3, and provided, further, that suitable pens are furnished by the railroad companies at the ports of entry for their unloading and proper inspection.

8. All animals imported into the United States shall be carefully inspected by an inspector of the Bureau of Animal Industry, and all

animals found to be free from disease and not to have been exposed to any contagious disease, shall be admitted into the United States, subject to the provisions for quarantine as established in paragraph 5. Whenever any animal is found to be affected with a contagious disease, or to have been exposed to such disease, said animal, and all animals that have been in contact with or exposed to said animal, will be placed in quarantine, and the inspector quarantining the same shall report at once to the Chief of the Bureau of Animal Industry, who will direct whether or not said animals quarantined shall be appraised and slaughtered, as provided by section 8 of the act under which these regulations are made. All animals quarantined by reason of disease or exposure to disease shall not be admitted to the established quarantine grounds, but shall be quarantined elsewhere at the expense of the importer, or be dealt with in such a manner as the Chief of the Bureau of Animal Industry shall determine.

9. In case of imported animals proving to be infected, or to have been exposed to infection, such portions of the cargo or the vessel on which they have arrived as have been exposed to these animals or their emanations shall be subjected, under the direction of the inspector of the Bureau of Animal Industry, to disinfection in such manner as may be considered by said inspector necessary before it can be landed.

10. No litter, fodder, or other aliment, nor any ropes, straps, chains, girths, blankets, poles, buckets, or other things used for or about the animals, and no manure shall be landed, excepting under such regulations as the inspector shall provide.

11. On moving animals from the ocean steamer to the quarantine grounds they shall not be unnecessarily passed over any highways, but must be placed on cars at the wharves or removed to the cars on a boat which is not used for conveying other animals. If such boat has carried animals within three months, it must be first cleaned and then disinfected under the supervision of the inspector, and after the conveyance of the imported animals the boat must be disinfected in the same manner before it may be again used for the conveyance of animals. When passage upon or across the public highway is unavoidable in the transportation of animals from the place of landing to the quarantine grounds, it must be under such careful supervision and restrictions as the inspector may in special cases direct.

12. The banks and chutes used for loading and unloading imported animals shall be reserved for such cattle, or shall be cleansed and disinfected as above before being used for such imported cattle.

13. The railway cars used in the transportation of animals to the quarantine grounds shall be either cars reserved for this exclusive use or box cars not otherwise employed in the transportation of animals or their fresh products, and after each journey with animals to the quarantine grounds they shall be disinfected by thorough cleansing and disinfection under the direction of the inspector.

14. While animals are arriving at the quarantine stations, or leaving them, all quarantined stock in the yards adjoining the alleyways through which they must pass shall be rigidly confined to their sheds. Animals arriving by the same ship may be quarantined together in one yard and shed, but those coming on different ships shall in all cases be placed in separate yards.

15. The gates of all yards of quarantine stations shall be kept locked, except when cattle are entering or leaving quarantine.

16. The attendants on animals in particular yards are forbidden to enter other yards and buildings, unless such are occupied by stock of the same shipment with those under their special care. No dogs, cats, or other animals, except those necessarily present, shall be allowed in the quarantine grounds.

17. The allotment of yards shall be under the direction of the inspector of the port, who shall keep a register of animals entered with description, name of owner, name of vessel in which imported, date of arrival and release, and other important particulars.

18. The inspector shall see that water is regularly furnished to the stock, and the manure removed daily, and that the prescribed rules of the station are enforced.

19. Food and attendance must be provided by the owners of the stock quarantined. Employees of such owners shall keep the sheds and yards clean to the satisfaction of the inspector.

20. Smoking is strictly forbidden within any quarantine inclosure.

21. No visitor shall be admitted to the quarantine station without special written permission from the inspector. Butchers, cattle dealers, and their employees are especially excluded.

22. No public sale shall be allowed within the quarantine grounds.

23. The inspector shall, in his daily rounds, as far as possible, take the temperature of each animal, commencing with the herds that have been longest in quarantine and ending with the most recent arrivals, and shall record such temperatures on lists kept for the purpose. In passing from one herd to another he shall invariably wash his thermometer and hands in a weak solution (1 to 100) of carbolic acid.

24. In case of the appearance of any disease that is diagnosed to be of a contagious nature, the inspector shall notify the Chief of the Bureau of Animal Industry, who shall visit the station personally or send an inspector, and on the confirmation of the diagnosis the herd shall be disposed of according to the gravity of the affection.

25. The yard and shed in which such disease shall have appeared shall be subject to a thorough disinfection. Litter and fodder shall be burned. Sheds, utensils, and other appliances shall be disinfected as the inspector may direct. The yard, fence, and manure box shall be freely sprinkled with a strong solution of chloride of lime. The flooring of the shed shall be lifted and the whole shall be left open to the air and unoccupied for three months.

26. In case of the appearance of any contagious disease the infected herd shall be rigidly confined to its sheds, where disinfectants shall be freely used, and the attendants shall be forbidden all intercourse with the attendants in other yards, and with persons outside the quarantine grounds.

J. STERLING MORTON,
Secretary.

[The designation of the ports named in the foregoing regulations as quarantine stations was approved by the Secretary of the Treasury on the 16th day of October, 1890, as provided by section 8 of the act of Congress approved August 30, 1890, providing for inspection of meats and animals.]

REGULATIONS FOR CATTLE TRANSPORTATION.

U. S. DEPARTMENT OF AGRICULTURE,
OFFICE OF THE SECRETARY,
Washington, D. C., February 5, 1895.

To the Managers and Agents of Railroad and Transportation Companies of the United States, Stockmen, and others:

In accordance with section 7 of the act of Congress approved May 29, 1884, entitled "An act for the establishment of a Bureau of Animal Industry, to prevent the exportation of diseased cattle, and to provide means for the suppression and extirpation of pleuro-pneumonia and other contagious diseases amongst domestic animals," and of the act of Congress approved August 8, 1894, making appropriation for the Department of Agriculture for the fiscal year ending June 30, 1895, you are hereby notified that a contagious and infectious disease known as splenic or Southern fever exists among cattle in the following-described area:

All that country lying east and south of a line commencing at the extreme western point of the county of Contra Costa, State of California; thence in an easterly direction along the northern boundaries of Contra Costa and San Joaquin counties to the western boundary of Amador County; thence north along the western boundary of Amador County to the southwestern corner of Eldorado County; thence east along the southern boundary of Eldorado County to the boundary line of the State of California; thence southeasterly along the eastern boundary of California to the western boundary of Arizona; thence south along the western boundary of Arizona to the southwestern corner of Arizona; thence easterly along the southern boundaries of Arizona and New Mexico to the Rio Grande River; thence southeasterly along the Rio Grande River to the southwestern corner of the county of Foley, State of Texas, continuing along the Rio Grande River in a northeasterly direction to the southwestern corner of the county of Pecos; thence

following the western boundary of Pecos County to the southeast corner of Reeves County; thence following the boundary line between the counties of Pecos and Reeves to the Pecos River; thence southeasterly following the said Pecos River to the northwest corner of Crockett County; thence easterly along the northern boundaries of Crockett and Schleicher counties to the southeastern corner of Irion County; thence northerly along the eastern boundary of Irion County to the northeast corner of said county, thence northerly to the southern boundary of Coke County; thence westerly to the southwestern corner of Coke County; thence northerly along the western boundary of Coke County to the southern boundary of Mitchell County; thence easterly to the southeastern corner of Mitchell County; thence northerly along the western boundary of Nolan County to the northwest corner of Nolan County; thence easterly along the northern boundary of said county to the southwestern corner of Jones County; thence northerly along the western boundary of Jones County to the southern boundary of Stonewall County; thence easterly along the northern boundaries of Jones and Shackelford counties to the southwestern corner of Throckmorton County; thence northerly along the western boundaries of Throckmorton, Baylor, and Wilbarger counties to the Red River; continuing along the Red River in a southeasterly direction to the southeast corner of the county of Greer, Territory of Oklahoma; thence northerly following the course of the North Fork of the Red River to its intersection with the southern boundary line of Roger Mills County; thence easterly along the southern boundary of Roger Mills and Washita counties to the southeastern corner of Washita County; thence northerly along the eastern boundary of Washita County to the northeast corner of said county; continuing in a northerly direction along the eastern boundary of the county of G to the southwestern corner of the county of Blaine; thence easterly along the southern boundary of Blaine County to the southeast corner of said county; thence north on the eastern boundary of said county to the northwest corner of Canadian County; thence east on the northern boundary of said county to the northeast corner of said county; thence north along the eastern boundary of Kingfisher County to the northeastern corner of said county; thence east along the southern boundary of O County to the southeast corner of said county; thence north along the eastern boundary of O County to the northeast corner of said county; thence east along the southern boundary of K County to the west line of the Ponca Indian Reservation; thence north on the west line of said reservation to the northwest corner of said reservation; thence east along the northern boundary of the Ponca Reservation to the Arkansas River; thence in a northerly direction, following the course of said river to its intersection with the thirty-seventh parallel of north latitude at the southern boundary line of Kansas; thence east along the southern boundary of the State of Kansas to the southwest corner of Cherokee

County, State of Kansas; thence northerly along the western boundary of the county of Cherokee to the northwest corner of said county; thence easterly along the northern boundary of said county to the State of Missouri; thence easterly along the northern boundary of the county of Jasper, in the State of Missouri, to the northeast corner of said county; thence southerly along the eastern boundary of the counties of Jasper and Newton, in said State, to the southeast corner of Newton County; thence westwardly along the southern boundary of the county of Newton to the eastern boundary line of Indian Territory; thence southerly along the eastern boundary of the Indian Territory to the southwestern corner of Washington County, State of Arkansas; thence easterly along the southern boundaries of the counties of Washington, Madison, Newton, Searcy, and Stone to the western boundary of Independence County; thence southerly along the western boundary of Independence County to the southwest corner of Independence County; thence easterly along the southern boundary of Independence County to the southeast corner of Independence County; thence northerly along the eastern boundary of said county to the northeast corner of said county; thence easterly along the southern boundary of Lawrence County to the southeast corner of said county; thence northerly along the eastern boundary of said county to the southwestern corner of Greene County; thence easterly along the southern boundary of Greene County to the southern boundary of the State of Missouri, and along said southern boundary of the State of Missouri to the Mississippi River; thence southerly along the Mississippi River to the northwestern corner of the county of Shelby, State of Tennessee; thence along the northern boundary of the county of Shelby to the northeast corner of said county; thence northerly along the western boundary of Fayette County to the northwest corner of Fayette County; thence easterly along the northern boundary of Fayette County to the northeast corner of said county; thence northerly along the western boundary of Hardeman County to the northwest corner of said county; thence easterly along the southern boundary of Haywood County to the southeast corner of said county; thence northerly along the eastern boundary of Haywood County to the northeast corner of said county; thence in a northeastly direction along the western boundary of Madison County to the northwestern corner of said county; thence easterly along the northern boundary of said county to the northeast corner of said county; thence northerly along the western boundary of Henderson County to the northwest corner of said county; thence easterly along the northern boundary of said county to the northeast corner of said county; thence northerly along the western boundary of Decatur County to the northwest corner of said county; thence easterly along the northern boundary of said county to the Tennessee River; thence following the Tennessee River in a southerly direction to the southwest corner of the county of Perry; thence east along the southern

boundary of Perry County to the southeast corner of said county; thence easterly along the northern boundary of Wayne County to the northeastern corner of said county; thence southerly along the eastern boundary of Wayne County to the boundary line of the State of Tennessee; thence easterly along the southern boundary of the State of Tennessee to the western boundary of the State of North Carolina; thence along the southern boundaries of the counties of Cherokee, Clay, Macon, Jackson, and Transylvania, State of North Carolina, to the southeast corner of the county of Transylvania; thence northwesterly along the eastern boundary of Transylvania County to the southwest corner of the county of Buncombe; thence in a northeasterly direction following the Blue Ridge Mountains to the southwestern corner of the county of Amherst, State of Virginia; thence southeasterly along the southern boundary of the county of Amherst to the western boundary of the county of Appomattox; thence in a northeasterly direction along the western boundaries of the counties of Appomattox, Buckingham, Fluvanna, and Louisa to the southern boundary of the county of Orange; thence easterly along the southern boundary of the county of Orange to the western boundary of the county of Spottsylvania; thence in a southeasterly direction along the western boundaries of the counties of Spottsylvania and Caroline to the northwestern corner of King William County; thence in a northeasterly direction along the southern boundary of the county of Caroline to the eastern boundary of said county; thence southerly along the eastern boundary of King and Queen County to the southwest corner of Essex County; thence along the southern boundaries of Essex and Richmond counties to the southeast corner of Richmond County; thence northerly along the eastern boundary of said county to the northeast corner of Northumberland County; thence in a northeasterly direction along the northern boundary of said county to the Potomac River; thence following the Potomac River southerly to the Chesapeake Bay; thence easterly along the southern boundary of the State of Maryland to the Atlantic Ocean.

From the 15th day of February to the 1st day of December, 1895, no cattle are to be transported from said area to any portion of the United States north or west of the above-described line, except by rail for immediate slaughter, and when so transported the following regulations must be observed: .

1. When any cattle in course of transportation from said area are unloaded north or west of this line to be fed or watered the places where said cattle are to be so fed or watered shall be set apart, and no other cattle shall be admitted thereto.

2. On unloading said cattle at their points of destination pens shall be set apart to receive them, and no other cattle shall be admitted to said pens; and the regulations relating to the movement of Texas cattle, prescribed by the cattle sanitary officers of the State where unloaded, shall be carefully observed. The cars that have carried said stock shall

be cleansed and disinfected before they are again used to transport, store, or shelter animals or merchandise.

3. All cars carrying cattle from said area shall bear placards stating that said cars contain Southern cattle, and each of the waybills of said shipments shall have a note upon its face with a similar statement. Whenever any cattle have come from said area and shall be reshipped from any point at which they have been unloaded to other points of destination, the cars carrying said animals shall bear similar placards with like statements, and the waybills be so stamped. At whatever point these cattle shall be unloaded they shall be placed in separate pens to which no other cattle shall be admitted.

4. The cars used to transport such animals, and the pens in which they are fed and watered, and the pens set apart for their reception at points of destination, shall be disinfected in the following manner:

(a) Remove all litter and manure. This litter and manure may be disinfected by mixing it with lime or diluted sulphuric acid, or, if not disinfected, it may be stored where no cattle can come into contact with it until after December 1.

(b) Wash the cars and the feeding and watering troughs with water until clean.

(c) Saturate the walls and floors of the cars and fencing, troughs, and chutes of the pens with a solution made by dissolving four ounces of chloride of lime to each gallon of water. Or disinfect the cars with a jet of steam under a pressure of not less than 50 pounds to the square inch.

5. It is further expressly provided that cattle which have been in the counties of Wilbarger, Baylor, Throckmorton, Shackelford, Jones, Nolan, Coke, and the northern half of Pecos County, State of Texas, since January 1, 1895, and have not come into contact with any cattle brought into said counties from any other counties in the infected area since that date, may be moved from the said counties by rail into the States of Colorado, Wyoming, Montana, North Dakota, and South Dakota, in accordance with the regulations made by said States for the admission of Southern cattle thereto: Provided—

(a) That a permit shall first be obtained from the Secretary of Agriculture for such movement. The application for said permit must state the name of the county in which said cattle are located, the name of the owner of said cattle, the number of cattle to be moved, and the route over which said cattle are to be transported to the above-named States.

(b) That said permit shall be forwarded to the inspector of the Department stationed at Kansas City, Mo., who will detail an officer to inspect said cattle and ascertain whether they are entitled to be shipped under the provisions of this order, and who, upon finding that the same are so entitled, will countersign said permit and supervise the movement of said cattle to point of shipment. The said officer before delivering such permit shall obtain affidavits of the owner or

manager of the cattle and of two reputable and disinterested persons, showing that they are acquainted with the cattle sought to be shipped, and that they have known said cattle since January 1, 1895, and that said cattle have been kept in the territory described above and have not come into contact with any other Southern cattle. These affidavits will be forwarded by him to the Department of Agriculture.

(c) That cattle from said area shall go into said States only for slaughter or grazing, and shall on no account be reshipped from said States into any other State or Territory of the United States before December 1, 1895.

(d) That all cars which have carried cattle from said area shall, upon unloading, at once be cleaned and disinfected in the manner provided by these regulations.

(e) That the State authorities of the States of Colorado, Wyoming, Montana, North Dakota, and South Dakota agree to enforce these provisions.

The losses which formerly occurred to the owners of susceptible cattle, both in the interstate and export trade, by the contraction of this disease from exposure in unclean and infected cars and pens, and by means of the manure carried in unclean cars from place to place, became a matter of grave and serious concern to the cattle industry of the United States until this danger was removed by the inspection of this Department. It is absolutely essential, therefore, that this cattle industry should continue to be protected as far as possible by separating the dangerous cattle and by the adoption of efficient methods of disinfection.

Inspectors will be instructed to see that disinfection is properly done, and it is expected that transportation companies will promptly put into operation the above methods.

J. STERLING MORTON,
Secretary.

SPECIAL ORDER CONCERNING IMPORTATION OF CATTLE FROM MEXICO.

U. S. DEPARTMENT OF AGRICULTURE,
OFFICE OF THE SECRETARY,
Washington, D. C., April 15, 1895.

It is hereby ordered that the regulations of this Department, issued February 5, 1895, defining the quarantine line on account of Texas or splenic fever, and the regulations of February 11, 1895, concerning the importation of animals into the United States, be modified so far as they relate to the admission of Mexican cattle into the United States as follows:

Mexican cattle which have been inspected by an inspector of this Department and found free from any infectious or contagious disease may be admitted into that portion of the State of California south and

west of the said quarantine line through the port of San Diego, and into that portion of the State of Texas south and east of the said quarantine line through the ports of Eagle Pass and Laredo, for grazing or for immediate slaughter. Cattle may be admitted through the port of El Paso for immediate slaughter only. In all cases where cattle are admitted for immediate slaughter they shall be shipped by rail or boat to the point of destination.

On and after May 1, 1895, cattle will be admitted at the port of Brownsville, Tex., for grazing and immediate slaughter.

J. STERLING MORTON,
Secretary.

RULES AND REGULATIONS FOR THE SUPPRESSION AND EXTIRPATION OF CONTAGIOUS, INFECTIOUS, AND COMMUNICABLE DISEASES AMONG THE DOMESTIC ANIMALS OF THE UNITED STATES.

[Prepared by the Commissioner of Agriculture, April 15, 1887.]

In pursuance of an act of Congress entitled "An act for the establishment of a Bureau of Animal Industry, to prevent the exportation of diseased cattle, and to provide means for the suppression and extirpation of pleuro-pneumonia and other contagious diseases among domestic animals," approved the 29th day of May, 1884, and of section 3 of said act, the following rules and regulations are hereby prepared and adopted for the speedy and effectual suppression and extirpation of contagious, infectious, and communicable diseases among the domestic animals of the United States:

RULES AND REGULATIONS.

1. Whenever it shall come to the knowledge of the Chief of the Bureau of Animal Industry of the Department of Agriculture that there exists, or there is good cause to believe there exists, any contagious, infectious, or communicable disease among domestic animals in any part of the United States, and he believes there is danger of such disease spreading to other States or Territories, he shall at once direct an inspector to make an investigation as to the existence of said disease.

2. Said inspector shall at once proceed to the locality where said disease is believed to exist and make an examination of the animals said to be affected with disease, and report the result of such examination to the Chief of the Bureau of Animal Industry.

3. Should the inspector on such investigation find that a contagious, infectious, or communicable disease exists among the animals examined, and especially pleuro-pneumonia, he shall direct the temporary quarantine of said animals and the herds among which they are, and adopt such sanitary measures as may be necessary to prevent the spread of the disease, and report his action to the Chief of the Bureau. He will

further notify in writing the owner or owners, or person or persons in charge of such animal or animals, of the existence of the contagious disease, and that said animal or animals have been placed in quarantine, and warn him or them from moving said animal or animals under penalty of sections 6 and 7 of the act of Congress approved May 29, 1884.

4. When the Chief of the Bureau of Animal Industry is satisfied of the existence of any contagious disease among domestic animals in any locality of the United States, and especially of pleuro-pneumonia, and that there is danger of said disease spreading to other States or Territories, he will report the same to the Commissioner of Agriculture, who will quarantine said locality in the mode and manner as provided in rule 12. He shall cause a thorough examination of all animals of the kind diseased in said locality, and all such animals found diseased he will cause to be slaughtered. He shall establish a quarantine for a period of not less than ninety days of all animals that have come in contact with diseased animals, or have been on premises or in buildings on or in which diseased animals have been, or have been in any way exposed to disease; and shall make and enforce all such sanitary regulations as the exigencies of the case may require. He will cause to be disinfected in such manner as he deems best all sheds, corrals, yards, barns, and buildings in which diseased animals have been, and until such premises and buildings have been so disinfected and declared free from contagion by a certificate in writing signed by an inspector of the Bureau of Animal Industry, no animal or animals shall be permitted to go upon or into said premises and buildings. Should, however, any animal or animals be put upon said premises or into said buildings in violation of this rule and regulation, then such animal or animals shall be placed in quarantine for a period of not less than ninety days, and said premises or buildings be again disinfected. Said second disinfection and the quarantine of such animals to be at the expense of the owner of said premises or buildings.

5. All animals quarantined by order of the Chief of the Bureau of Animal Industry shall have a chain fastened with a numbered lock placed around their horns, or, in case of hornless animals, placed around their necks; and a record will be kept showing the number of lock placed upon each animal, name and character of animal and marks of identification, name of owner, locality, and date of quarantine. The Chief of the Bureau, however, may, in his discretion, in place of chaining said animals, cause the animals to be branded in such manner as he may designate, or may place a guard over the same.

6. All animals quarantined will be deemed and considered as "affected with contagious disease," and any person or persons moving said quarantined animals from the infected district will be prosecuted under sections 6 and 7 of the act of Congress establishing the Bureau of Animal Industry approved May 29, 1884.

7. Whenever in the judgment of the Chief of the Bureau of Animal Industry it becomes necessary to kill animals that have been exposed to the contagious disease known as pleuro-pneumonia, in order to prevent the spread of said disease from one State or Territory to another, he shall cause the same to be slaughtered.

8. All animals diseased with pleuro-pneumonia, and all animals exposed to pleuro-pneumonia, that have been condemned to be slaughtered, shall be first appraised as to their value at the time of their condemnation. Said appraisement shall be made in the mode and manner provided for by the law of the State in which they are located, and such compensation on their appraised value will be paid as is provided for by the law of such State. In case such State has no law for the appraisement of the value of animals diseased with pleuro-pneumonia, or that have been exposed to pleuro-pneumonia, or either, then the Chief of the Bureau of Animal Industry shall direct an inspector of the Bureau to convene a board of appraisers to consist of three members, one of whom said inspector shall appoint, one to be appointed by the owner of the animal or animals condemned, and these two will appoint the third; in case the said owner shall neglect or refuse to name an appraiser, then by two appraisers to be appointed by said inspector. This board will appraise the value of the animals condemned and certify to the same in writing under oath, and the amount so fixed by said board shall be paid to the owner of the animals condemned. Should the owner of the animals condemned be dissatisfied with the appraisement, he may appeal from said appraisement to the circuit court of the United States, and the amount found by said court to be the value of the condemned animals will be paid to the owner.

9. Whenever it is deemed necessary by the Chief of the Bureau of Animal Industry to supervise and inspect any of the lines of transportation operating in the United States that do business in and through more than one State or connect with lines doing business in and through other States, and the boats, cars, and stock yards in connection with the same, he shall designate suitable inspectors for that purpose, and make all necessary regulations for the quarantine and disinfection of all stock yards, cars, boats, and other vehicles of transportation in which have been, or in which have been transported, animals affected with a contagious disease or suspected to have been affected with such a disease. Such cars and other vehicles of transportation declared in quarantine shall not be again used to transport, store, or shelter animals or merchandise until certified to be free of contagion by a certificate signed by the inspector supervising their disinfection, and such stock yards shall not again have animals placed in them until likewise declared free of contagion.

10. All quarantined stock, premises, and buildings will be under the charge and supervision of an inspector of the Bureau of Animal

Industry, and shall be in no case free from quarantine until so ordered by the Chief of the Bureau.

11. Whenever any inspector of the Bureau of Animal Industry is prevented or obstructed or interfered with in the discharge of his duty in the examining of animals suspected to have a contagious disease, or in placing under quarantine animals or premises, or in disinfecting them, he will report the same to the Chief of the Bureau. He will also call upon the sheriff or other police authorities of the locality where said obstruction or interference occurs for aid and protection in the performing of his duty. Should such sheriff or police authorities neglect or refuse to render such aid and protection he will then apply to the United States marshal of said district for the necessary force and assistance needed to protect him in the carrying out of the duties imposed upon him by these rules and regulations and the provisions of the law by authority of which they are made. He will also file with the United States district attorney information of all the facts connected with such obstruction and interference, and the names of the party or parties causing the same.

12. Should from any cause the Chief of the Bureau of Animal Industry find that it is impossible to enforce these rules and regulations in any State, and that in consequence thereof there is great danger that pleuro-pneumonia will spread from said State to other States and Territories, he will report the same to the Commissioner of Agriculture. Thereupon the Commissioner of Agriculture, if he believes the exigency of the case requires it, will declare said State, in which pleuro-pneumonia exists and in which it is impossible to carry out these rules and regulations, to be quarantined against the exportation of animals of the kind diseased to any other State, Territory, or foreign country. Said order of the Commissioner declaring the quarantine of a State will be published in at least two papers in said State once a week during the existence of said quarantine, and in such other papers as he may select. Notification of the order declaring said quarantine will be certified to the governor of the State quarantined, as well as to the governors of all other States and Territories, and to the agents of all transportation companies doing business in or through said State. All animals of the kind quarantined against in said State will be deemed as animals "affected with contagious disease," and any person moving or transporting any of said animals to any other State or Territory, or delivering any of such animals to any transportation company to be so transported, will be prosecuted under sections 6 and 7 of the act of Congress approved May 29, 1884. Provided, however, that any animal of the kind quarantined against that has been examined by an inspector of the Bureau of Animal Industry and by a certificate in writing signed by such inspector declared to be free from pleuro-pneumonia, may be exported to any other State or Territory; and provided further, that said animal shall be exported within forty-eight

hours after such examination and signing of said certificate, so that said animal may not be exposed to disease before leaving said State.

13. Before giving the certificate provided for by rule 12 the inspector must be furnished with an affidavit made by two reputable and disinterested persons, stating that they have known the animals to be examined for a period of six months immediately prior to the date of examination, and that during that time the animals have not been exposed to pleuro-pneumonia; that they have not been in any of the buildings or on any of the premises, or among any of the herds known to be affected with pleuro-pneumonia, or suspected to be so affected. The inspector may also require further proof as to whether said animals to be examined have been exposed to pleuro-pneumonia.

14. All rules and regulations heretofore made are hereby revoked, and these rules and regulations will be in full force and effect on and after the 15th day of April, 1887.

NORMAN J. COLMAN,
Commissioner of Agriculture.

ACTS OF CONGRESS.

(Under which the foregoing rules and regulations are made.)

[PUBLIC—No. 41.]

An act for the establishment of a Bureau of Animal Industry, to prevent the exportation of diseased cattle, and to provide means for the suppression and extirpation of pleuro-pneumonia and other contagious diseases among domestic animals.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Commissioner of Agriculture shall organize in his Department a Bureau of Animal Industry, and shall appoint a Chief thereof, who shall be a competent veterinary surgeon, and whose duty it shall be to investigate and report upon the condition of domestic animals of the United States, their protection and use, and also inquire into and report the causes of contagious, infectious, and communicable diseases among them, and the means for the prevention and cure of the same, and to collect such information on these subjects as shall be valuable to the agricultural and commercial interests of the country; and the Commissioner of Agriculture is hereby authorized to employ a force sufficient for this purpose, not to exceed twenty persons at any one time. The salary of the Chief of said Bureau shall be three thousand dollars per annum; and the Commissioner shall appoint a clerk for said Bureau, with a salary of one thousand five hundred dollars per annum.

SEC. 2. That the Commissioner of Agriculture is authorized to appoint two competent agents, who shall be practical stock raisers or experienced business men familiar with questions pertaining to commercial transactions in live stock, and whose duty it shall be, under the instructions of the Commissioner of Agriculture, to examine and report upon the best methods of treating, transporting, and caring for animals, and the means to be adopted for the suppression and extirpation of contagious pleuro-pneumonia, and to provide against the spread of other dangerous, contagious, infectious, and communicable diseases. The compensation of said agents shall be at the rate of ten dollars per diem, with all necessary expenses while engaged in the actual performance of their duties under this act, when absent from their usual place of business or residence as such agent.

SEC. 3. That it shall be the duty of the Commissioner of Agriculture to prepare such rules and regulations as he may deem necessary for the speedy and effectual suppression and extirpation of said diseases, and to certify such rules and regulations to the executive authority of each State and Territory, and invite said authorities to cooperate in the execution and enforcement of this act. Whenever the plans and methods of the Commissioner of Agriculture shall be accepted by any State or Territory in which pleuro-pneumonia or other contagious, infectious, or communicable disease is declared to exist, or such State or Territory shall have adopted plans and methods for the suppression and extirpation of said diseases, and such plans and methods shall be accepted by the Commissioner of Agriculture, and whenever the governor of a State or other properly constituted authorities signify their readiness to cooperate for the extinction of any contagious, infectious, or communicable disease in conformity with the provisions of this act, the Commissioner of Agriculture is hereby authorized to expend so much of the money appropriated by this act as may be necessary in such investigations, and in such disinfection and quarantine

measures as may be necessary to prevent the spread of the disease from one State or Territory into another.

SEC. 4. That in order to promote the exportation of live stock from the United States the Commissioner of Agriculture shall make special investigation as to the existence of pleuro-pneumonia, or any contagious, infectious, or communicable disease, along the dividing lines between the United States and foreign countries, and along the lines of transportation from all parts of the United States to ports from which live stock are exported, and make report of the results of such investigation to the Secretary of the Treasury, who shall, from time to time, establish such regulations concerning the exportation and transportation of live stock as the results of said investigations may require.

SEC. 5. That to prevent the exportation from any port of the United States to any port in a foreign country of live stock affected with any contagious, infectious, or communicable disease, and especially pleuro-pneumonia, the Secretary of the Treasury be, and he is hereby, authorized to take such steps and adopt such measures, not inconsistent with the provisions of this act, as he may deem necessary.

SEC. 6. That no railroad company within the United States, or the owners or masters of any steam or sailing or other vessel or boat, shall receive for transportation or transport, from one State or Territory to another, or from any State into the District of Columbia, or from the District into any State, any live stock affected with any contagious, infectious, or communicable disease, and especially the disease known as pleuro-pneumonia; nor shall any person, company, or corporation deliver for such transportation to any railroad company, or master or owner of any boat or vessel, any live stock, knowing them to be affected with any contagious, infectious, or communicable disease; nor shall any person, company, or corporation drive on foot or transport in private conveyance from one State or Territory to another, or from any State into the District of Columbia, or from the District into any State, any live stock, knowing them to be affected with any contagious, infectious, or communicable disease, and especially the disease known as pleuro-pneumonia: *Provided*, That the so called splenic or Texas fever shall not be considered a contagious, infectious, or communicable disease within the meaning of sections four, five, six, and seven of this act, as to cattle being transported by rail to market for slaughter, when the same are unloaded only to be fed and watered in lots on the way thereto.

SEC. 7. That it shall be the duty of the Commissioner of Agriculture to notify, in writing, the proper officials or agents of any railroad, steamboat, or other transportation company doing business in or through any infected locality, and by publication in such newspapers as he may select, of the existence of said contagion; and any person or persons operating any such railroad, or master or owner of any boat or vessel, or owner or custodian of or person having control over such cattle or other live stock within such infected district, who shall knowingly violate the provisions of section six of this act, shall be guilty of a misdemeanor, and, upon conviction, shall be punished by a fine of not less than one hundred dollars nor more than five thousand dollars, or by imprisonment for not more than one year, or by both such fine and imprisonment.

SEC. 8. That whenever any contagious, infectious, or communicable disease affecting domestic animals, and especially the disease known as pleuro-pneumonia, shall be brought into or shall break out in the District of Columbia, it shall be the duty of the Commissioners of said District to take measures to suppress the same promptly and to prevent the same from spreading; and for this purpose the said Commissioners are hereby empowered to order and require that any premises, farm or farms, where such disease exists, or has existed, be put in quarantine; to order all or any animals coming into the District to be detained at any place or places for the purpose of inspection and examination; to prescribe regulations for and require the destruction of animals affected with contagious, infectious, and communicable disease, and for the proper disposition of their hides and carcasses; to prescribe regulations for disinfection, and such other regulations as they may deem necessary to

prevent infection or contagion being communicated, and shall report to the Commissioner of Agriculture whatever they may do in pursuance of the provisions of this section.

SEC. 9. That it shall be the duty of the several United States district attorneys to prosecute all violations of this act which shall be brought to their notice or knowledge by any person making the complaint under oath; and the same shall be heard before any district or circuit court of the United States or Territorial court holden within the district in which the violation of this act has been committed.

SEC. 10. That the sum of one hundred and fifty thousand dollars, to be immediately available, or so much thereof as may be necessary, is hereby appropriated, out of any moneys in the Treasury not otherwise appropriated, to carry into effect the provisions of this act.

SEC. 11. That the Commissioner of Agriculture shall report annually to Congress, at the commencement of each session, a list of the names of all persons employed, an itemized statement of all expenditures under this act, and full particulars of means adopted and carried into effect for the suppression of contagious, infectious, or communicable diseases among domestic animals.

Approved May 29, 1884.

[PUBLIC—No. 247.]

An act providing for an inspection of meats for exportation, prohibiting the importation of adulterated articles of food or drink, and authorizing the President to make proclamation in certain cases, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of Agriculture may cause to be made a careful inspection of salted pork and bacon intended for exportation, with a view to determining whether the same is wholesome, sound and fit for human food, whenever the laws, regulations, or orders of the Government of any foreign country to which such pork or bacon is to be exported shall require inspection thereof relating to the importation thereof into such country, and also whenever any buyer, seller, or exporter of such meats intended for exportation shall request the inspection thereof.

Such inspection shall be made at the place where such meats are packed or boxed, and each package of such meats so inspected shall bear the marks, stamps, or other device for identification provided for in the last clause of this section: *Provided,* That an inspection of such meats may also be made at the place of exportation if an inspection has not been made at the place of packing, or if, in the opinion of the Secretary of Agriculture, a reinspection becomes necessary. One copy of any certificate issued by any such inspector shall be filed in the Department of Agriculture; another copy shall be attached to the invoice of each separate shipment of such meat, and a third copy shall be delivered to the consignor or shipper of meat as evidence that packages of salted pork and bacon have been inspected in accordance with the provisions of this act and found to be wholesome, sound, and fit for human food; and for the identification of the same such marks, stamps, or other devices as the Secretary of Agriculture may by regulation prescribe shall be affixed to each of such packages.

Any person who shall forge, counterfeit, or knowingly and wrongfully alter, deface, or destroy any of the marks, stamps, or other devices provided for in this section on any package of any such meats, or who shall forge, counterfeit, or knowingly and wrongfully alter, deface, or destroy any certificate in reference to meats provided for in this section, shall be deemed guilty of a misdemeanor, and on conviction thereof shall be punished by a fine not exceeding one thousand dollars or imprisonment not exceeding one year, or by both said punishments, in the discretion of the court.

SEC. 2. That it shall be unlawful to import into the United States any adulterated or unwholesome food or drug or any vinous, spirituous or malt liquors, adulterated

or mixed with any poisonous or noxious chemical, drug, or other ingredient injurious to health. Any person who shall knowingly import into the United States any such adulterated food or drug, or drink, knowing or having reasons to believe the same to be adulterated, being the owner or the agent of the owner, or the consignor or consignee of the owner, or in privity with them, assisting in such unlawful act, shall be deemed guilty of a misdemeanor, and liable to prosecution therefor in the district court of the United States for the district into which such property is imported; and, on conviction, such person shall be fined in a sum not exceeding one thousand dollars for each separate shipment, and may be imprisoned by the court for a term not exceeding one year, or both, at the discretion of the court.

SEC. 3. That any article designed for consumption as human food or drink, and any other article of the classes or description mentioned in this act, which shall be imported into the United States contrary to its provisions, shall be forfeited to the United States, and shall be proceeded against under the provisions of chapter eighteen of title thirteen of the Revised Statutes of the United States; and such imported property so declared forfeited may be destroyed or returned to the importer for exportation from the United States after the payment of all costs and expenses, under such regulations as the Secretary of the Treasury may prescribe; and the Secretary of the Treasury may cause such imported article to be inspected or examined in order to ascertain whether the same have been so unlawfully imported.

SEC. 4. That whenever the President is satisfied that there is good reason to believe that any importation is being made, or is about to be made, into the United States from any foreign country of any article used for human food or drink that is adulterated to an extent dangerous to the health or welfare of the people of the United States, or any of them, he may issue his proclamation suspending the importation of such articles from such country for such period of time as he may think necessary to prevent such importation; and during such period it shall be unlawful to import into the United States from the countries designated in the proclamation of the President any of the articles, importation of which is so suspended.

SEC. 5. That whenever the President shall be satisfied that unjust discriminations are made by or under the authority of any foreign state against the importation to or sale in such foreign state of any product of the United States, he may direct that such products of such foreign state so discriminating against any product of the United States as he may deem proper shall be excluded from importation to the United States; and in such case he shall make proclamation of his direction in the premises, and therein name the time when such direction against importation shall take effect, and after such date the importation of the articles named in such proclamation shall be unlawful. The President may at any time revoke, modify, terminate, or renew any such direction as, in his opinion, the public interest may require.

SEC. 6. That the importation of neat cattle, sheep, and other ruminants, and swine, which are diseased or infected with any disease, or which shall have been exposed to such infection within sixty days next before their exportation, is hereby prohibited; and any person who shall knowingly violate the foregoing provision shall be deemed guilty of a misdemeanor, and shall, on conviction, be punished by a fine not exceeding five thousand dollars, or by imprisonment not exceeding three years, and any vessel or vehicle used in such unlawful importation with the knowledge of the master or owner of said vessel or vehicle that such importation is diseased or has been exposed to infection as herein described, shall be forfeited to the United States.

SEC. 7. That the Secretary of Agriculture be, and is hereby, authorized, at the expense of the owner, to place and retain in quarantine all neat cattle, sheep, and other ruminants, and all swine, imported into the United States, at such ports as he may designate for such purposes, and under such conditions as he may by regulation prescribe, respectively, for the several classes of animals above described; and for this purpose he may have and maintain possession of all lands, buildings, tools, fixtures, and appurtenances now in use for the quarantine of neat cattle, and hereafter

purchase, construct, or rent as may be necessary, and he may appoint veterinary surgeons, inspectors, officers, and employees by him deemed necessary to maintain such quarantine, and provide for the execution of the other provisions of this act.

SEC. 8. That the importation of all animals described in this act into any port in the United States, except such as may be designated by the Secretary of Agriculture, with the approval of the Secretary of the Treasury, as quarantine stations, is hereby prohibited; and the Secretary of Agriculture may cause to be slaughtered such of the animals named in this act as may be, under regulations prescribed by him, adjudged to be infected with any contagious disease, or to have been exposed to infection so as to be dangerous to other animals; and that the value of animals so slaughtered as being so exposed to infection, but not infected, may be ascertained by the agreement of the Secretary of Agriculture and owners thereof, if practicable; otherwise, by the appraisal by two persons familiar with the character and value of such property, to be appointed by the Secretary of Agriculture, whose decision, if they agree, shall be final; otherwise, the Secretary of Agriculture shall decide between them, and his decision shall be final; and the amount of the value thus ascertained shall be paid to the owner thereof out of money in the Treasury appropriated for the use of the Bureau of Animal Industry; but no payment shall be made for any animal imported in violation of the provisions of this act. If any animal, subject to quarantine according to the provisions of this act, are brought into any port of the United States where no quarantine station is established, the collector of such port shall require the same to be conveyed by the vessel on which they are imported or are found to the nearest quarantine station, at the expense of the owner.

SEC. 9. That whenever, in the opinion of the President, it shall be necessary for the protection of animals in the United States against infectious or contagious diseases, he may, by proclamation, suspend the importation of all or any class of animals for a limited time, and may change, modify, revoke, or renew such proclamation, as the public good may require; and during the time of such suspension the importation of any such animals shall be unlawful.

SEC. 10. That the Secretary of Agriculture shall cause careful inspection to be made by a suitable officer of all imported animals described in this act, to ascertain whether such animals are infected with contagious diseases or have been exposed to infection so as to be dangerous to other animals, which shall then either be placed in quarantine or dealt with according to the regulations of the Secretary of Agriculture; and all food, litter, manure, clothing, utensils, and other appliances that have been so related to such animals on board ship as to be judged liable to convey infection shall be dealt with according to the regulations of the Secretary of Agriculture; and the Secretary of Agriculture may cause inspection to be made of all animals described in this act intended for exportation, and provide for the disinfection of all vessels engaged in the transportation thereof, and of all barges or other vessels used in the conveyance of such animals intended for export to the ocean steamer or other vessels, and of all head ropes and other appliances used in exportation, by such orders and regulations as he may prescribe; and if, upon such inspection, any such animals shall be adjudged, under the regulations of the Secretary of Agriculture, to be infected or to have been exposed to infection so as to be dangerous to other animals, they shall not be allowed to be placed upon any vessel for exportation; the expense of all inspection and disinfection provided for in the section to be borne by the owner of the vessels on which such animals are exported.

Approved August 30, 1890.

[PUBLIC—No. 521.]

An act to provide for the safe transport and humane treatment of export cattle from the United States to foreign countries, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of Agriculture is hereby authorized to examine all vessels which are to carry export cattle from the ports of the United States to foreign countries, and to prescribe by rules and regulations or orders the accommodations which said vessels shall provide for export cattle, as to space, ventilation, fittings, food and water supply, and such other requirements as he may decide to be necessary for the safe and proper transportation and humane treatment of such animals.

SEC. 2. That, whenever the owner, owners, or master of any vessel carrying export cattle shall willfully violate or cause or permit to be violated any rule, regulation, or order made pursuant to the foregoing section, the vessel in respect of which such violation shall occur may be prohibited from again carrying cattle from any port of the United States for such length of time, not exceeding one year, as the Secretary of Agriculture may direct, and such vessel shall be refused clearance from any port of the United States accordingly.

Approved March 3, 1891.

[PUBLIC—No. 555.]

An act to provide for the inspection of live cattle, hogs, and the carcasses and products thereof which are the subjects of interstate commerce, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of Agriculture shall cause to be made a careful inspection of all cattle intended for export to foreign countries from the United States, at such times and places, and in such manner, as he may think proper, with a view to ascertain whether such cattle are free from disease; and for this purpose he may appoint inspectors, who shall be authorized to give an official certificate clearly stating the condition in which such animals are found, and no clearance shall be given to any vessel having on board cattle for exportation to a foreign country unless the owner or shipper of such cattle has a certificate from the inspector herein authorized to be appointed, stating that said cattle are sound and free from disease.

SEC. 2. That the Secretary of Agriculture shall also cause to be made a careful inspection of all live cattle the meat of which is intended for exportation to any foreign country, at such times and places, and in such manner, as he may think proper, with a view to ascertain whether said cattle are free from disease and their meat sound and wholesome, and may appoint inspectors, who shall be authorized to give an official certificate clearly stating the condition in which such cattle and meat are found, and no clearance shall be given to any vessel having on board any fresh beef for exportation to and sale in a foreign country from any port of the United States until the owner or shipper shall obtain from an inspector appointed under the provisions of this act such certificate.

SEC. 3. The Secretary of Agriculture shall cause to be inspected, prior to their slaughter, all cattle, sheep, and hogs which are subjects of interstate commerce and which are about to be slaughtered at slaughterhouses, canning, salting, packing, or rendering establishments in any State or Territory, the carcasses or products of which are to be transported and sold for human consumption in any other State or Territory or the District of Columbia, and in addition to the aforesaid inspection, there may be made in all cases where the Secretary of Agriculture may deem necessary or expedient, under the rules and regulations to be by him prescribed, a post-mortem examination of the carcasses of all cattle, sheep, and hogs, about to be prepared for

human consumption at any slaughterhouse, canning, salting, packing, or rendering establishment in any State or Territory or the District of Columbia, which are the subjects of interstate commerce.

SEC. 4. That said examination shall be made in the manner provided by rules and regulations to be prescribed by the Secretary of Agriculture, and after said examination the carcasses and products of all cattle, sheep, and swine found to be free of disease, and wholesome, sound, and fit for human food, shall be marked, stamped, or labeled for identification as may be provided by said rules and regulations of the Secretary of Agriculture.

Any person who shall forge, counterfeit, or knowingly and wrongfully alter, deface, or destroy any of the marks, stamps, or other devices provided for in the regulations of the Secretary of Agriculture, of any such carcasses or their products, or who shall forge, counterfeit, or knowingly and wrongfully alter, deface, or destroy any certificate provided for in said regulations, shall be deemed guilty of a misdemeanor, and on conviction thereof shall be punished by a fine not exceeding one thousand dollars, or imprisonment not exceeding one year, or by both said punishments, in the discretion of the court.

SEC. 5. That it shall be unlawful for any person to transport from one State or Territory or the District of Columbia into any other State or Territory or the District of Columbia, or for any person to deliver to another for transportation from one State or Territory or the District of Columbia into another State or Territory or the District of Columbia the carcasses of any cattle, sheep, or swine, or the food products thereof, which have been examined in accordance with the provisions of sections three and four of this act, and which on said examination have been declared by the inspector making the same to be unsound or diseased. Any person violating the provisions of this section shall be deemed guilty of a misdemeanor and punished for each offense as provided in section four of this act.

SEC. 6. That the inspectors provided for in sections one and two of this act shall be authorized to give official certificates of the sound and wholesome condition of the cattle, sheep, and swine, their carcasses and products described in sections three and four of this act, and one copy of every certificate granted under the provisions of this act shall be filed in the Department of Agriculture, another copy shall be delivered to the owner or shipper, and when the cattle, sheep, and swine, or their carcasses and products are sent abroad, a third copy shall be delivered to the chief officer of the vessel on which the shipment shall be made.

SEC. 7. That none of the provisions of this act shall be so construed as to apply to any cattle, sheep, or swine slaughtered by any farmer upon his farm, which may be transported from one State or Territory or the District of Columbia into another State or Territory or the District of Columbia: *Provided, however,* That if the carcasses of such cattle, sheep, or swine go to any packing or canning establishment and are intended for transportation to any other State or Territory or the District of Columbia as hereinbefore provided, they shall there be subject to the post-mortem examination provided for in sections three and four of this act

Approved March 3, 1891.

[PUBLIC—No. 102.]

An act making appropriations for the Department of Agriculture for the fiscal year ending June thirtieth, eighteen hundred and ninety-six.

SALARIES AND EXPENSES, BUREAU OF ANIMAL INDUSTRY: For carrying out the provisions of the act of May twenty-ninth, eighteen hundred and eighty-four, establishing the Bureau of Animal Industry, and of the act of August thirtieth, eighteen hundred and ninety, providing for an inspection of meats and animals, also the provisions of the act of March third, eighteen hundred and ninety-one, providing

for the inspection of live cattle, hogs, and the carcasses and products thereof which are the subjects of interstate and foreign commerce, and for other purposes, the sum of eight hundred thousand dollars; and the Secretary of Agriculture is hereby authorized to use any part of this sum he may deem necessary or expedient, and in such manner as he may think best, in the collection of information concerning live stock, dairy, and other animal products, and to prevent the spread of pleuro-pneumonia, tuberculosis, sheep scab, and other diseases of animals, and for this purpose to employ as many persons as he may deem necessary, including one thousand dollars additional temporary compensation to the Chief of the Bureau of Animal Industry, and to expend any part of this sum in the purchase and destruction of diseased or exposed animals and the quarantine of the same whenever in his judgment it is essential to prevent the spread of pleuro-pneumonia, tuberculosis, or other diseases of animals from one State into another, and for printing and publishing such reports relating to animal industry as he may direct; and the Secretary is hereby authorized to rent a suitable building in the District of Columbia, at an annual rental of not exceeding one thousand two hundred dollars, to be used as a laboratory for said Bureau of Animal Industry: *Provided*, That section two of the act entitled "An act to provide for the inspection of live cattle, hogs, and the carcasses and products thereof which are the subjects of interstate commerce, and for other purposes," approved March third, eighteen hundred and ninety-one, be amended to read as follows:

"SEC. 2. That the Secretary of Agriculture shall also cause to be made a careful inspection of all live cattle, the meat of which, fresh, salted, canned, corned, packed, cured, or otherwise prepared, is intended for exportation to any foreign country, at such times and places, and in such manner as he may think proper, with a view to ascertain whether said cattle are free from disease, and their meat sound and wholesome, and may appoint inspectors who shall be authorized to give an official certificate clearly stating the condition in which such cattle and meat are found, and no clearance shall be given to any vessel having on board any fresh, salted, canned, corned, or packed beef being the meat of cattle killed after the passage of this act for exportation to and sale in a foreign country from any port in the United States until the owner or shipper shall obtain from an inspector appointed under the provisions of this act a certificate that said cattle were free from disease and that their meat is sound and wholesome."

Also that section four of said act be so amended as to read as follows:

"SEC. 4. That said examination shall be made in the manner provided by rules and regulations to be prescribed by the Secretary of Agriculture, and after said examination the carcasses and products of all cattle, sheep, and swine found to be free of disease and wholesome, sound, and fit for human food shall be marked, stamped, or labeled for identification as may be provided by said rules and regulations of the Secretary of Agriculture. Any person who shall forge, counterfeit, simulate, imitate, falsely represent, or use without authority, or knowingly and wrongfully alter, deface, or destroy any of the marks, stamps, or other devices provided for in the regulations of the Secretary of Agriculture, of any such carcasses or their products, or who shall forge, counterfeit, simulate, imitate, falsely represent, or use without authority, or knowingly and wrongfully alter, deface, or destroy any certificate or stamp provided in said regulations, shall be deemed guilty of a misdemeanor, and on conviction thereof shall be punished by a fine not exceeding one thousand dollars, or imprisonment not exceeding one year, or by both said punishments, in the discretion of the court."

The Secretary of Agriculture is hereby authorized to make such rules and regulations as he may decide to be necessary to prevent the transportation from one State or Territory or the District of Columbia into any other State or Territory or the District of Columbia, or to any foreign country, of the condemned carcasses or parts of carcasses of cattle, sheep, and swine, which have been inspected in accordance with

the provisions of this act. Any person, company, or corporation owning or operating any such slaughterhouse, abattoir, or meat curing, packing, or canning establishment, or any employee of the same, that shall willfully violate any provision of this act shall be deemed guilty of a misdemeanor, and, on conviction thereof, shall be punished for each offense by a fine not exceeding one thousand dollars or imprisonment not exceeding one year, or by both said punishments, in the discretion of the court.

QUARANTINE STATIONS FOR NEAT CATTLE: To establish and maintain quarantine stations, and to provide proper shelter for and care of neat cattle imported, at such ports as may be deemed necessary, twelve thousand dollars.

That whenever the Secretary of Agriculture shall certify to the President of the United States what countries or parts of countries are free from contagious or infectious diseases of domestic animals, and that neat cattle and hides can be imported from such countries without danger to the domestic animals of the United States, the President of the United States may suspend the prohibition of the importation of neat cattle and hides in the manner provided by law. That the President of the United States be, and he is hereby, authorized to cause correspondence and negotiation to be had, through the Department of State or otherwise, with the authorities of the Kingdom of Great Britain, for the purpose of securing the abrogation or modification of the regulations now enforced by said authorities which require cattle imported into Great Britain from the United States of America to be slaughtered at the port of entry, and prohibiting the same from being carried alive to other places in said Kingdom.

That the Secretary of Agriculture shall determine and certify to the Secretary of the Treasury what are recognized breeds and pure-bred animals, under the provisions of paragraph three hundred and seventy-three of the tariff act of eighteen hundred and ninety-four.

Approved March 2, 1895.

SECTIONS OF THE REVISED STATUTES REFERRING TO THE TRANSPORTATION OF ANIMALS.

SEC. 4386. No railroad company within the United States whose road forms any part of a line of road over which cattle, sheep, swine or other animals are conveyed from one State to another, or the owners or masters of steam, sailing, or other vessels carrying or transporting cattle, sheep, swine, or other animals from one State to another, shall confine the same in cars, boats, or vessels of any description *for a longer period than twenty-eight consecutive hours*, without unloading the same for rest, ~~water~~, and feeding, *for a period of at least five consecutive hours*, unless prevented from unloading by storm or other accidental causes. In estimating such confinement the time during which the animals have been confined without such rest on connecting roads from which they are received shall be included, it being the intent of this section to prohibit their continuous confinement beyond the period of twenty-eight hours, except upon contingencies hereinbefore stated.

SEC. 4387. Animals so unloaded shall be properly fed and watered during such rest by the owner or person having the custody thereof, or in case of his default in so doing, then by the railroad company or owners or masters of boats or vessels transporting the same, at the expense of the owner or person in custody thereof; and such company, owners, or masters shall in such case have a lien upon such animals for food, care, and custody furnished, and shall not be liable for any detention of such animals.

SEC. 4388. Any company, owner, or custodian of such animals who knowingly and willingly fails to comply with the provisions of the two preceding sections shall,

for every such failure, be liable for and forfeit and pay a penalty of not less than one hundred nor more than five hundred dollars. But when animals are carried in cars, boats, or other vessels in which they can and do have proper food, water, space, and opportunity to rest, the provisions in regard to their being unloaded shall not apply.

SEC. 4389. The penalty created by the preceding section shall be recovered by civil action in the name of the United States, in the circuit or district court of the United States, holden within the district where the violation may have been committed, or the person or corporation resides or carries on its business; and it shall be the duty of all United States marshals, their deputies and subordinates, to prosecute all violations which come to their notice or knowledge.

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